YNK-DBR No. 14
Date: 30.04.15

AEE/YNK SUB. DN
SBR No: 16/15-16
Date: 28/4/15

No.....

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

Division: **BBMP / YNK** Sub-Division: **Yelahanka Sub – Division.**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Work Code: 001-15-000014**

Schedule Docket No. Head of Account: Est.Cost: **15.00Lakhs** B.R.No. :

Name of Work : Construction of CC road at yelahanka old post office road opposite to Rajakumar house road and yelahanka old town in ward No- 01 of yelahanka Sub division.

Name of Contractor and Full Address: **Sri Srinivasa B M, No 17, Kurubarahalli main road, Mahalakshmipuram (post) Bangalore.**

Date 28-1-2015.

Reference to Agreement No. EE/YNK.D/ EPMT-4/W.O/ 56 /2014-15.

Certified that the measurements were taken by me on 27.4.15 ...and recorded of Pages. 2138/1 to. 2138/2 ...of measurement Book No. ...2139..... and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on 27.4 .....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zone)
Yelahanka, Bangalore

II Memorandum of Payment

1) Total value of work done or supplies made as per account within		
2) Deduct amount to be held in reserve being .....percent Rs.....		
3) " Balance		
4) Deduct Payment:		
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... adjusted towards cash advance recovery of	1st & Final	153159:00
	Amount	
	FSD	99786:00
	IT	15352:00
	KST	61407:00
	EWF	15352:00
	CBR	1535:00
	Royalty	11302:00
	T.D	204734:00
b) Payments Now made { cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	Net	1330425:00
5) Balance being unpaid value of work done held in reserve.		
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.		
7) Net amount due to or from Contractor unadjustments items.		
8) Advance to Contractor for materials brought to site (as detailed) within.		
9) Value of Government materials supplied.		
Total amount adjusted -		

Contractor's Signature

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

Witness
1.
2.

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Stamp

Audited & Admitted for Rs. 1535159:00
(For use in the Office)

1330425:00 by Cheque
204734:00 by adjustment

Executive Engineer
Yelahanka Division
BBMP

	Description of work	
1	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.	Cu
2	KSRB 2-2.1 : earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, No.	Cu
3	KSRB 100-1 Loading and unloading ofstone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumpting turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 130 and KSRB M.100.4.1 costof haulage excluding loading and unloading	Cum
4	KSRRB M300-53. construction of embankment with approved material gravel/murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement table 300-2 complete as per specifications. (which includes cost of gravel/murrum, watering charges & compaction by vibratory roller) MORTH specification	Cum
5	KSRB-4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 withOPC cement at 220kgs, with 40mm and down size graded granite metal coarse aggregates @0 892cum and fine aggregates @0 57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum
6	KSRB 4 2 2 . Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications.	Cum
7	KSRB 4 9 2 providing T.M.T steel reinforcement for R C C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications	Qntl
8	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters,bittresses,buttresses plinth and string course including cost of all materials, labour complete as per specifications. Specification NO KBS 4 6 2 Page No. 15/ Item No. 4.31/ PWD SR 2014-15	Sqm
9	KSRRB M600-6 cement concrete pavement, construction unreinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with 43 grade cement or any other type as per clause 1051.2.2M20/M30 at 380/450 kg per cum, coarse and fine aggregate conforming to IS: 383, maximum size of coarse aggregate not exceeding 25mm, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including leveling the form work as per drawing,), spreading the concrete with shovels, rackers compacted using needle, scred and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved curing compound, finishing to lines and grade as per drawing complete as per specification M30(at 360kg per cum coarse aggregate @ 0.69cum and fine aggregare @ 0.46cum), , No. 171/ Item No. 22.6.1 SR 2014-15	Cum
10	Vaccum De- writing with vaccum pump and suction mat and compaction with skin flater clubbed with floatiog disc including cost of generator, HOM of machinery Sereed Vibratory Power Floaterblade and diisc etc. with all lead and lift. Page No 171 Item No 22.7 SR 2014-15	Sqm
11	Providing groove cutting for width of 5mm to 100m depth 80mm-100 including cost of cutting machine, generatoe & HOM of machinery, including cost of blade, coolant etc., including cleaning of groove & providing sand and hot birumen fillars, and filler metal etc., including cost of conveyance of all materials,. Labour, lead and lift charges and all other incidental charges as per drawing and as per specifications. do- for concrete pavement Item no 22.8.1 Page No 178 SR 2014-15	
12	RCC Precast covering slab for drain (10cm thick)	Sqm
13	KSRB 2-2.1 : earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, No. 5/ Item No. 2.3/ PWD SR 2014-15	Cum

Previous Measurment		Present Measurement			Total up-to date		Remarks
Qty	cost	Qty	Rate	Cost	Qty	cost	
–	–	131.85	79.00	10416.15	131.85	10416.15	
–	–	91.80	184.00	16891.20	91.80	16891.20	
–	–	223.65	82.00	18339.30	223.65	18339.30	
–	–	~~27.00~~ 26.26	230.00	~~6210.00~~ 6039	~~27.00~~ 26.26	~~6210.00~~ 6039	
–	–	33.48	5311.00	177812.28	33.48	177812.28	
–	–	42.34	6360.00	269282.40	42.34	269282.40	
–	–	38.10	7608.00	289864.80	38.10	289864.80	
–	–	~~346.67~~ 246.67	306.00	~~106081.02~~ 75481:00	~~346.67~~ 246.67	106081.02 ~~75481:00~~	
–	–	~~13.50~~ 13.45	6184.00	~~83484.00~~ 83174=00	~~13.50~~ 13.45	~~83484.00~~ 83174:00	
–	–	~~135.00~~ 105	101.00	~~13635.00~~ 10605=00	~~135.00~~ 105	13635.00 10605=00	
–	–	15.00	130.00	1950.00	15.00	1950.00	
–	–	61.20	1570.00	96084.00	61.20	96084.00	
–	–	4.20	148.00	621.60	4.20	621.60	

	Description of work	Unit
14	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, No. 5/ Item No. 2.4/ PWD SR 2014-15	Cum
15	KSRB-3.2 : Providing and injecting chemical emulsion for Preconstructional anti-termite treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulisifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one precent concentration, labour, HOM of equipments, complete as specifications.(Plinth area of building at ground floor only shall be measured) specification. No. KBS : 3.2.6 / 3.2.7 , P No. 09/ Item No. 3.2/ PWD SR 2014-15	Cum
16	KSRB-4-1.1 : Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2014-15	Cum
17	KSRB 5.2-2 Providing and constructing granite / trap / basalt rubble stone masonry in foundation with mud mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum
18	KSRB 5.3-2 Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum
19	KSRB 15.1.1: Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No. 109/ Item No. 15.1 / PWD SR 2014-15	Sqm
20	KSRB- 4-1.5 : Providing and laying in position plain cement concrete of nominal mix 1:2:4 using 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification. No. KBS 4.1,4.2. No.12/ Item No. 4.6/ PWD SR 2014-15	Cum
21	KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 16/ Item No. 4.34/ PWD SR 2014-15	Sqm
22	KSRB 4-6.10 : Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 16/ Item No. 4.37/ PWD SR 2014-15	Sqm
23	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 14/ Item No. 4.31/ PWD SR 2014-15	Sqm
24	KSRB 4.2.8 Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.46 with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification. No. KBS 4.1,4.6. Page No. 1	Cum
25	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of mix 1:1, 5:3 with 12 mm and down size graded granite metal, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor lever, including cost of all materials, labour, HOM of machinery, curing, complete as per specification. Specification NO. KBS 4.1, 4.6 Page No. 14/ Item No. 4.19/ PWD SR 2014-15	Sqm
26	KSRB 4.9.2 providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 Page No 16/ Item No. 4.46/ PWD SR 2014-15	Qntl

Previous Measurment		Present Measurement			Total up-to date		Remarks
Qty	cost	Qty	Rate	Cost	Qty	cost	
–	–	2.33	272.00	633.76	2.33	633.76	
–	–	21.61	111.00	2398.71	21.61	2398.71	
–	–	2.33	4989.00	11624.37	2.33	11624.37	
–	–	13.11	3948.00	51758.28	13.11	51758.28	
–	–	5.64	4675.00	26367.00	5.64	26367.00	
–	–	8.77	94.00	824.38	8.77	824.38	
–	–	7.59	5484.00	41623.56	7.59	41623.56	
–	–	3.38	267.00	902.46	3.38	902.46	
–	–	5.51	277.00	1526.27	5.51	1526.27	
–	–	21.61	301.00	6504.61	21.61	6504.61	
–	–	~~3.61~~ 3.60	5196.00	~~18757.56~~ 18705	~~3.61~~ 3.6	~~18757.56~~ 18705	
–	–	~~3.62~~ 1.9	471.00	~~1705.02~~ 894.00	~~3.62~~ 1.9	~~1705.02~~ 894.00	
–	–	3.61	7608.00	27464.88	3.61	27464.88	

sl no	Description of work	Unit
27	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour complete as per specifications, specification. No. KBS 2.9, No. 6/ Item No. 2.10/ PWD SR 2014-15	Cum
28	KSRB 100-1 Loading and unloading ofstone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumpting turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 117 and KSRB M.100.4.1 costof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M (Item No 17.4 Page 117 (SR 2014-15)	Cum
29	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 25/ Item No. 5.27/ PWD SR 2014-15	Sqm
30	KSRB 5-15 : Providing and constructing non-load bearing wall with cement concrete solid blocks with compressive strength no less than 35 Kg/sqm with cement mortar 1:4 (Jamb, closer blocks) with solid concrete blocks of size 40x10x20 cms.(lxblxh) conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 25/ Item No. 5.28/ PWD SR 2014-15	Sqm
31	KSRB 15.8.1 : Providing and fixing plaster mesh 150mm wide manufactured out of hot dipped galvanished iron of nominal thickness 0.35mm with a zinc coating of 120gms per sqm width, along route of walls chipped for services, junction between and brick walls including cost materials, labour, for fixing complete as per specifications. (length of mesh only be measured for payment.) plaster mesh 150mm wide, Page No.111/ Item No. 15.35/ PWD SR 2014-15	mtr
32	KSRB 15-3.7:- Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 119/ Item No. 15.15/ PWD SR 2014-15	Sqm
33	KSRB 15.3.3 : Providing 12mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever reuired smooth rendering, : Providing and removing scaffolding, including cost of materials, labour. Curing complete as per specifications. . Page No. 109/ Item No. 15.11 / PWD SR 2014-15	Sqm
34	KSRB 15.3.13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 110/ Item No. 15.21 / PWD SR -2014-15	Sqm
35	KSRB 15.5.1 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4, to brick masonry for base of daddoing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 110/ Item No. 15.30/ PWD SR 2014-15	Sqm
36	KSRB 15-16 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to given an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. Page No. 114/ Item No. 15.53.2 / PWD SR 2014-15 with primer	Sqm
37	KSRB 15.15.1: Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth cost of materials, labour, complete as per specifications. 15.15.2 : -do- with primer. Page No.123/ Item No. 15.51.2 / PWD SR 2014-15	Sqm
38	KSRB 14.14-5: providing Ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. for Ceramic Tiles of size 30x30cms Page No. 103/ Item No. 14.36.2 / PWD SR 2014-15	Sqm
39	KSRB 14.10.1 : Flooring with 25mm to 40mm thick polished tandur blue stone slabs using mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications. Page No. 100/ Item No. 14.15 / PWD SR 2014-15	Sqm
40	KSRB 14.17.2: Providing skirting, dado, rises of steps with Colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface white should be measured and paid separately) using glazed tiles of approved make and size of materials, labour, complete as per specifications. Specification No. KBS 14.17, Page No. 103/ Item No. 14.41 / PWD SR 2014-15	Sqm
41	KSRB 7.8 : Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung 2/3 openable 1/3 fixed as per approved drawings using Z angles of 25x33x3mm, weighing 1.419Kg/m both for outer and inner frames and central mullion section of size 25x46x3mm weighing 2.28Kg/m all duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows not more than 34 cms. c to c including providing and fixing 4mm thick reeded glass with teakwood beading of required size, all steel section should confirm to I.S. 7452:1990, 4nos, of holdfasts of approved size section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be thoroughly cleaned free of rust and painted with one coat of anti-corosive paint and finishing two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Page No. 32/ Item No. 7.8/ PWD SR 2014-15	Sqm

Previous Measurment		Present Measurement			Total up-to date		Remarks
Qty	cost	Qty	Rate	Cost	Qty	cost	
–	–	16.31	122.00	1989.82	16.31	1989.82	
–	–	~~10.30~~ 2.33 ~~2.33~~	81.00	~~834.30~~ ~~188~~	~~10.30~~ 2.33	~~834.30~~ 188	
–	–	51.51	1022.00	52643.22	51.51	52643.22	
–	–	~~17.33~~ 17.01	745.00	~~12910.85~~ 12672	~~17.33~~ 17.01	~~12910.85~~ 12672	
–	–	~~24.66~~ 24.30	42.00	~~1035.72~~ 1020	~~24.66~~ 24.3	~~1035.72~~ 1020	
–	–	80.05	243.00	19452.15	80.05	19452.15	
–	–	28.14	147.00	4136.58	28.14	4136.58	
–	–	16.67	192.00	3200.64	16.67	3200.64	
–	–	29.21	175.00	5111.75	29.21	5111.75	
–	–	80.00	83.00	6640.00	80.00	6640.00	
–	–	44.81 ~~44.90~~	71.00	~~3187.90~~ 3181	~~44.90~~ 44.81	~~3187.90~~ 3181	
–	–	21.61	1048.35	22654.84	21.61	22654.84	
–	–	1.37	1141.74	1564.18	1.37	1564.18	
–	–	~~64.73~~ 62.57	1047.24	~~67787.85~~ 66510	~~64.73~~ 62.57	~~67787.85~~ 66510.60	
–	–	~~2.85~~ 1.62	3376.31	~~9622.48~~ 5469	~~2.85~~ 1.62	9622.48 5469	

sl no	Description of work	
42	KSRB 7.9 : Providing and fixing M.S. grill work for windows and ventilators weighing 21 kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12 Page No. 37/ Item No. 7.9/ PWD SR 2014-15	kgs
43	KSRB 9.4-1 : Providing Matti / Nandi wood frames frames of doors, windows, clerestory windows, ventilators, and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33 Page No. 51 / Item No. 9.12/ PWD SR 2014-15	Cum
44	KSRB 9.7-1: Providing and fixing in position fully panelled Teak wood shutters for doors, styles and rails of 30mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures).Specification No.9.34. Nandi wood Page No.52/ Item No. 9.22/ PWD SR 2014-15	Sqm
45	Providing and fixing Aluminium Handels -15 cms for doors code 0011 sl no 383 SR 2014-15	Each
46	Providing and fixing hinges 5" heavy duty for doors as per direction of engineer incharge sl no 395 code 0188 SR No 2014-15	Each
47	Providing and fixing M.S. Holder Fast for doors as per direction of engineer incharge code 0222 sl 398 SR 2014-15	Each
48	Providing and fixing Tower bolt for doors as per direction of engineer incharge code 427, sl no 412 SR 2014-15	Each
49	Providing and fixing Locking Arrengement for doors as per direction of engineer incharge code No 0220 sl no 397 SR 2014-15	Each
50	KSRB 15-17.4: Applying priming coat over new wood surface and / or wood based surface, after brushing with ready mix enamel priming paint including preparing the surface after thoroughly cleaning oil, grease, dirt, and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications. Page No. 115/ Item No. 15.58 / PWD SR 2014-15	Sqm
51	KSRB 9-27.1 : Fixing of door frame in an existing opening including embedding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20 mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50m. including cost of materials, labour charges, complete as per Specification Page No. 57/ Item No. 9.80/ PWD SR 2014-15	Nos
52	KSRB 15-17.6: Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications. Page No.115 / Item No. 15.60 / PWD SR 2014-15	Sqm
53	KSRB 13.11.1: Providing and placing on terrace. Polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity) Specification NO. KBS 13.22 Page No. 91/ Item No. 13.78 / PWD SR 2014-15	Nos
54	*SOLID PVC DOOR FRAMEProviding & fixing factory made PVC Door frame of size 50x47 mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2No.s of 150mm long brackets of 15x15 mm M.S. Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufactures specification & direction of Engineer-in charge Page No. 57/ Item No. 9.84/ PWD SR 2014-15	Sqm
55	*SOLID PANEL PVC DOOR SHUTTER* Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm from styles and 15x15mm for top & bottom rails, covered with heat moulded PVC 'C' channel of 5mm thick sheet & 30 x 50 mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in charge fixed to frames with 3 nos of 75m.m. Aluminium hinges. Page No. 57/ Item No. 9.83/ PWD SR 2014-15	Sqm
56	KSRB 10-2: Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc, consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75kg/sqm conforming admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment, (b) laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junction of walls and slabs, (c) after two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 3000x300mm square. (e) the whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test	
		TOTAL

Certificates:

1 The above work is done satisfactorily and complete in all respect.
2 There is no department Material issue for the above work.
3 This works comes under BBMP Limit.

Previous Measurment		Present Measurement			Total up-to date		Remarks
Qty	cost	Qty	Rate	Cost	Qty	cost	
–	–	~~59.85~~ 34.02 ~~34.02~~	103.39	~~6187.89~~ 3517 ~~3517~~	~~59.85~~ 34.02	~~6187.89~~ 3517	
–	–	0.05	84863.75	~~4248.19~~	0.05	4243.19	
–	–	2.00	3613.11	7226.22	2.00	7226.22	
–	–	2.00	60.00	120.00	2.00	120.00	
–	–	12.00	38.80	465.60	12.00	465.60	
–	–	12.00	46.00	552.00	12.00	552.00	
–	–	10.00	121.00	1210.00	10.00	1210.00	
–	–	2.00	663.00	1326.00	2.00	1326.00	
–	–	3.78	25.00	94.50	3.78	94.50	
–	–	5.00	1069.00	5345.00	5.00	5345.00	
–	–	3.78	86.00	325.08	3.78	325.08	
–	–	2.00	9282.00	18564.00	2.00	18564.00	
–	–	4.73	576.00	2724.48	4.73	2724.48	
–	–	4.73	3520.00	16649.60	4.73	16649.60	
–	–	21.60	901.00	19461.60	21.60	19461.60	
				~~1549000~~ 1536030		~~1549000~~ 1536030	

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

limit to B.R. Amt 1535159-50